

What is claimed is:

1. A printing-fluid container, comprising:
 - a leading portion having a substantially planar profile and including an ink-interface, an air-interface, and an electrical interface; and
 - 5 a trailing portion adapted to cooperate with the leading portion to define a bounded volume;
 - wherein the leading portion is configured to mate with a complementarily configured ink-container bay.
- 10 2. The printing-fluid container of claim 1, further including a free volume of ink held in the bounded volume.
3. The printing-fluid container of claim 1, further including a free volume of fixer held in the bounded volume.
- 15 4. The printing-fluid container of claim 1, further including a free volume of preconditioner held in the bounded volume.
5. The printing-fluid container of claim 1, wherein the leading portion
- 20 further includes a keying pocket.
6. The printing-fluid container of claim 1, wherein the leading portion further includes an alignment pocket.
- 25 7. A printing-fluid container, comprising:
 - a lid having a substantially planar outer-face that is bordered by an outer perimeter;
 - a reservoir body coupled to the lid, wherein the lid and the reservoir body collectively define an inner cavity configured to hold a free volume of printing
 - 30 fluid; and
 - an interface package arranged on the outer-face of the lid interior the outer perimeter.

8. The printing-fluid container of claim 7, wherein the interface package includes an alignment pocket configured to position the printing-fluid container in a desired location with a desired orientation.

5 9. The printing-fluid container of claim 8, wherein the alignment pocket is positioned approximately at a center of the outer-face.

10 10. The printing-fluid container of claim 8, wherein the alignment pocket includes a recess sized and shaped to mate with a complementarily configured alignment member of an ink-container bay.

11. The printing-fluid container of claim 10, wherein the alignment pocket includes a recessed sidewall adapted to provide progressive alignment.

15 12. The printing-fluid container of claim 10, wherein a fit between the alignment pocket and the alignment member tightens as the alignment pocket and the alignment member are mated.

20 13. The printing-fluid container of claim 12, wherein the fit between the alignment pocket and the alignment member achieves a desired level of tightness before a fluid interface of the interface package engages a fluid connector of the ink-container bay.

25 14. The printing-fluid container of claim 8, wherein the interface package further includes a keying pocket, an ink-interface, an air-interface, and an electrical interface.

30 15. The printing-fluid container of claim 7, wherein the interface package includes a keying pocket configured to prevent the printing-fluid container from being seated in an ink-container bay adapted to deliver a color of ink different than a color of ink contained by the printing-fluid container.

16. The printing-fluid container of claim 15, wherein the keying pocket includes a recess sized and shaped to mate with a complementarily configured key post of an ink-container bay.

5 17. The printing-fluid container of claim 7, wherein the interface package includes a keying pocket configured to prevent the printing-fluid container from being seated in an ink-container bay adapted to deliver a printing fluid different than the printing fluid contained by the printing-fluid container.

10 18. The printing-fluid container of claim 15, further comprising an alignment pocket, wherein the keying pocket is positioned between the alignment pocket and the outer perimeter bordering the outer-face.

15 19. The printing-fluid container of claim 15, further comprising an alignment pocket, an ink-interface, an air-interface, and an electrical interface.

20. The printing-fluid container of claim 7, wherein the lid is constructed from a unitary structural piece.

20 21. The printing-fluid container of claim 7, wherein the reservoir body includes a latching surface configured to be engaged by a latching member of an ink-container bay when the latching member is in a closed position, thereby providing for retention of the printing-fluid container in the ink-container bay.

25 22. The printing-fluid container of claim 21, wherein the latching surface is substantially parallel to the outer-face of the lid.

23. The printing-fluid container of claim 7, wherein the reservoir body includes a shoulder portion having a width that is approximately the same as a width of the lid, and a rear portion having a width that is less than the width of the shoulder portion, and wherein the rear portion and the shoulder portion are
5 connected by a rim portion that is approximately parallel to the outer-face of the lid.

24. The printing-fluid container of claim 23, wherein the rim portion includes a latching surface configured to be engaged by a latching member of an
10 ink-container bay when the latching member is in a closed position, thereby providing for retention of the printing-fluid container in the ink-container bay.

25. The printing-fluid container of claim 23, wherein the shoulder portion is sized to be seated in an ink-container bay of an ink-container supply
15 station, and the rear portion is selectively sized to cooperate with the shoulder portion to provide a desired amount of ink capacity.

26. A printing-fluid container, comprising:
a lid having an outer-face with a substantially planar profile; and
20 a reservoir body configured to couple with the lid;
wherein the lid and the reservoir body collectively define an inner cavity configured to hold a volume of ink when the lid is coupled to the reservoir body;
and

wherein the reservoir body includes a shoulder portion having a width that
25 is approximately the same as a width of the lid, and a rear portion having a width that is less than the width of the shoulder portion, and wherein the rear portion and the shoulder portion are connected by a rim portion that is approximately parallel to the lid.

27. The printing-fluid container of claim 26, wherein the rim portion includes a latching surface configured to be engaged by a latching member of an ink-container bay when the latching member is in a closed position, thereby providing for retention of the printing-fluid container in the ink-container bay.

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28. The printing-fluid container of claim 26, wherein the shoulder portion is sized to mate with an ink-container bay of an ink-container supply station, and the rear portion is selectively sized to cooperate with the shoulder portion to provide a desired amount of ink capacity.

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29. The printing-fluid container of claim 26, further comprising an interface package arranged on the outer-face of the lid.

30. The printing-fluid container of claim 29, wherein the interface package includes an alignment pocket configured to position the printing-fluid container in a desired location with a desired orientation.

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31. The printing-fluid container of claim 30, wherein the alignment pocket is positioned approximately at a center of the outer-face.

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32. The printing-fluid container of claim 29, wherein the interface package includes a keying pocket configured to prevent the printing-fluid container from being seated in an ink-container bay adapted to deliver a color of ink different than a color of ink contained by the printing-fluid container.

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33. The printing-fluid container of claim 29, wherein the interface package includes an electrical interface.

34. A printing-fluid container, comprising:

means for aligning the printing-fluid container in a desired position with a desired orientation;

means for delivering printing fluid from the printing-fluid container; and

5 means for equalizing pressure within the printing-fluid container;

wherein the printing-fluid container includes a leading surface having a substantially planar profile; and

wherein the means for aligning the printing-fluid container, the means for delivering printing fluid from the printing-fluid container, and the means for
10 equalizing pressure within the printing-fluid container are located at the leading surface.

35. The printing-fluid container of claim 34, further comprising means for preventing the printing-fluid container from being seated in an ink-container
15 bay adapted to deliver a color ink different than a color of ink contained by the printing-fluid container.

36. The printing-fluid container of claim 34, further comprising means for preventing the printing-fluid container from being seated in an ink-container
20 bay adapted to deliver a printing fluid different than a printing fluid contained by the printing-fluid container.

37. The printing-fluid container of claim 36, wherein the means for preventing the printing-fluid container from being seated in an ink-container bay
25 adapted to deliver a printing fluid different than the printing fluid contained by the printing-fluid container is located at the leading surface.

38. A fluid container lid, comprising:

an inner-side configured to selectively couple with a reservoir body, wherein the inner-side and the reservoir body collectively bound a volume when the inner-side is coupled to the reservoir body;

5 an outer-face having a substantially planar profile bounded by an outer perimeter; and

an interface package including an alignment pocket, an ink-interface, and an air interface, wherein the interface package is arranged on the outer-face interior the outer perimeter.

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39. The fluid container lid of claim 38, wherein the fluid container lid is adapted to selectively mate with an ink-container bay of an ink supply station.

40. The fluid container lid of claim 39, wherein the interface package
15 includes a keying pocket configured to prevent the ink-container lid from being seated in an ink-container bay adapted to deliver a printing fluid different than a printing fluid contained by the volume bound by the fluid container lid and the reservoir body.

20 41. The fluid container lid of claim 40, wherein the keying pocket is positioned between the alignment pocket and the outer perimeter bordering the outer-face.

42. The fluid container lid of claim 39, wherein the alignment pocket
25 mates with the ink-container bay to position the fluid container lid in a desired location with a desired orientation.

43. The fluid container lid of claim 42, wherein the alignment pocket is positioned approximately at a center of the outer-face.

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